

CLAIMS

What is claimed is:

1 1. A method for notifying a user as to an inadequate color gamut,
2 comprising the steps of:
3 accessing imaging data to be printed;
4 identifying colors represented by the imaging data;
5 comparing the identified colors with a color gamut of a printing device; and
6 notifying the user if one or more of the identified colors is not included in the
7 color gamut of the printing device.

1 2. The method of claim 1, wherein the step of accessing imaging data
2 comprises accessing color information contained within the imaging data.

1 3. The method of claim 1, wherein the step of accessing imaging data
2 comprises retrieving data.

1 4. The method of claim 1, wherein the step of accessing imaging data
2 comprises accessing imaging data through use of an imaging extension.

1 5. The method of claim 4, wherein the imaging extension comprises part
2 of a user browser.

1 7. The method of claim 1, wherein the step of identifying colors
2 comprises identifying a Pantone color.

1 9. The method of claim 8, wherein the set of intensity values comprises at
2 least one of RGB, CMY, and YCC.

1 11. The method of claim 1, wherein the step of notifying the user
2 comprises presenting a printing warning to the user that includes a message that
3 explains that the printing device does not support a desired color.

1 12. A system for notifying a user as to an inadequate color gamut,
2 comprising:
3 means for accessing imaging data to be printed;
4 means for identifying colors represented by the imaging data;
5 means for comparing the identified colors with a color gamut of a printing
6 device; and
7 means for notifying the user if one or more of the identified colors is not
8 included in the color gamut of the printing device.

1 13. The system of claim 12, wherein the means for accessing imaging data
2 comprises an imaging extension.

1 14. The system of claim 12, wherein the imaging extension comprises part
2 of a user browser.

1 15. The system of claim 12, wherein the imaging extension comprises part
2 of a network-based service.

1 16. The system of claim 12, wherein the means for identifying colors
2 comprise means for identifying a Pantone color.

1 17. The system of claim 12, wherein the means for identifying colors
2 comprise means for identifying a set of intensity values that represent an absolute
3 color defined by a color profile.

1 18. The system of claim 17, wherein the set of intensity values comprises
2 at least one of RGB, CMY, and YCC.

1 19. The system of claim 17, wherein the color profile comprises an ICC
2 profile.

1 20. A network-based service that is configured to notify a user as to an
2 inadequate color gamut condition, comprising:
3 logic configured to access imaging data to be printed;
4 logic configured to identify colors represented by the imaging data;
5 logic configured to compare the identified colors with a color gamut of a
6 printing device; and
7 logic configured to notify the user if one or more of the identified colors is not
8 included in the color gamut of the printing device.

1 21. The service of claim 20, wherein the logic configured to access
2 imaging data comprises an imaging extension.

1 22. The service of claim 21, wherein the imaging extension comprises part
2 of a user browser.

1 23. The service of claim 21, wherein the imaging extension comprises part
2 of the network-based service.

1 24. A printing device, comprising:
2 a processing device; and
3 memory including logic configured to access imaging data to be printed, logic
4 configured to identify colors represented by the imaging data, logic configured to
5 compare the identified colors with a color gamut of a printing device, and logic
6 configured to notify the user if one or more of the identified colors is not included in
7 the color gamut of the printing device.

1 25. The device of claim 24, wherein the logic configured to access imaging
2 data comprises an imaging extension.

1 26. The device of claim 25, wherein the imaging extension comprises part
2 of a user browser.

1 27. The device of claim 25, wherein the imaging extension comprises part
2 of a network-based service hosted by the printing device.